



NATIONAL
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STATISTICS
SERVICE

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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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AGRICULTURAL NEWS: Cooler weather conditions during the week limited field work and pasture growth. Temperatures averaged 44 degrees which was 7 degrees below normal and 8 degrees cooler than the previous week. Rainfall amounts for the week were below normal for the third week in a row. Precipitation ranged from none to 1.15 inches with an average of .37 inches statewide. Soils remained wet over much of Kentucky which limited the amount of fieldwork done. **Topsoil moisture** was rated 7 percent short, 71 percent adequate and 22 percent surplus. **Subsoil moisture** was rated 12 percent short, 76 percent adequate and 12 percent surplus. Days suitable for fieldwork averaged 3.0 out of a possible seven. Major farm activities this week included fertilizing hay and pasture, seeding tobacco transplants and preparing equipment for the planting season. Where conditions permitted, western Kentucky farmers began seeding corn at the end of the week.

TOBACCO: As of April 3, 60 percent of the greenhouse and plant bed seedings had been completed compared with 63 percent last year and the five year average of 67. Considerable uncertainty remains relative to contracts and prices for burley tobacco after a difficult season last year.

SMALL GRAINS & LEGUMES: Fall seeded wheat was in mostly good to excellent condition. Winter kill for wheat was estimated at 4 percent. Early spring flooding and lack of

moisture during seeding were the major causes of winter kill. Losses were higher in the north and east this year. Condition of the wheat crop was rated 1 percent very poor, 1 percent poor, 17 percent fair, 54 percent good and 27 percent excellent. Alfalfa stand loss was reported at 6 percent, while red clover stand loss was 5 percent.

PASTURE & LIVESTOCK: Pastures suffered due to lack of moisture last season and did not recover well in the fall. Current pasture condition was reported as mostly fair to good with 5 percent very poor, 15 percent poor, 40 percent fair, 35 percent good, and 5 percent excellent. Pastures were meeting just 30 percent of livestock roughage requirements. Farmers statewide had approximately 30 percent of their winter hay supply still on hand with some expecting to feed livestock through the end of April. Poor pastures and limited hay supplies affected livestock conditions with some higher than normal calving loss reported.

SOIL MOISTURE for week ending 04/03/11

	Very Short	Short	Adequate	Surplus
	Percent			
Topsoil	0	7	71	22
Subsoil	0	12	76	12

CROP CONDITIONS for week ending 04/03/11

Crop	Very Poor	Poor	Fair	Good	Ex
	Percent				
Wheat	1	1	17	54	27
Pasture	5	15	40	35	5

KENTUCKY WEATHER SUMMARY, MARCH 28 – APRIL 3, 2011:

Below Normal Temperature and Below Normal Precipitation:

This past week was the first colder than normal week since early February. Low temperatures all week hovered at and just below the freezing mark. Scattered rainfall came in on two separate occasions from passing low pressure systems. Precipitation from these systems was light, with the majority falling in the southeastern part of the state.

Temperatures for the period averaged 44 degrees across the state which was 7 degrees cooler than normal and 8 degrees cooler than the previous period. High temperatures averaged from 58 in the West to 53 in the East. Departure from normal high temperatures ranged from 6 degrees cooler than normal in the West to 10 degrees cooler than normal in the East. Low temperatures averaged from 38 degrees in the West to 33 degrees in the East. Departure from normal low temperature ranged from 3 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 84 degrees at Benton and the extreme low was 21 degrees at Vanceburg.

Precipitation (liq. equ.) for the period totaled 0.37 inches statewide which was 0.64 inches below normal and 37% of normal. Precipitation totals by climate division, West 0.31 inches, Central 0.42 inches, Bluegrass 0.20 inches and East 0.56 inches, which was 0.79, 0.64, 0.71 and 0.41 inches below normal. By station, precipitation totals ranged from a low of 0.00 inches at Owensboro to a high of 1.15 inches at Middlesboro.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 3, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	0.06	12.58	+1.72	55	41	77	29	43.7	-7
Berea	0.18	12.35	+1.87	54	40	76	29	42.6	-7
Bowling Green	0.47	12.75	-0.73	54	41	81	31	46.9	-4
Bristol	0.97	12.74	+2.04	55	42	83	30	47.5	-2
Buckhorn Lake	0.36	11.33	-0.52	55	41	74	29	42.4	-7
Cape Girardeau	0.12	10.80	-0.89	54	41	80	35	48.8	-5
Campbellsville	0.22	13.74	+0.74	54	40	79	25	43.5	-7
Covington	0.33	12.04	+2.15	51	41	76	27	41.4	-8
Cumberland Gap	1.10	15.02	+1.23	54	41	76	31	44.3	-5
Dix Dam	0.17	13.44	+2.30	54	40	77	30	43.1	-6
Evansville	0.00	11.62	+0.73	54	41	83	30	47.5	-6
Glasgow	0.52	14.37	+0.81	54	41	79	30	46.0	-5
Grayson	0.09	11.13	+1.61	54	41	75	25	41.0	-8
Hardinsburg	0.03	12.26	-0.14	54	40	80	29	45.6	-5
Henderson	0.07	11.55	+0.24	54	41	83	31	46.5	-7
Huntington	0.31	10.86	+1.39	51	41	83	30	47.5	-2
Jackson	0.49	11.68	+0.04	54	40	75	30	43.0	-6
Lexington	0.27	13.18	+2.32	51	41	76	29	42.4	-7
London	0.55	12.33	+0.44	55	41	75	29	43.3	-6
Louisville	0.07	12.36	+1.12	55	41	81	34	47.4	-4
Mayfield	0.46	13.71	-0.58	54	41	83	31	47.9	-5
Nashville	1.65	12.34	-0.36	54	41	83	30	47.5	-3
Nolin Lake	0.17	12.27	-0.20	55	41	80	31	45.4	-6
Paducah	0.28	14.13	+1.54	54	41	83	32	49.1	-4
Princeton	0.32	13.60	-0.05	54	40	83	33	47.3	-6
Quicksand	0.57	11.50	-0.14	54	42	77	28	43.1	-6
Somerset	0.39	13.43	+0.91	55	41	78	28	43.0	-6
Spindletop	0.10	13.26	+2.40	51	41	76	30	42.4	-7
Williamstown	0.21	10.60	+0.17	54	41	77	28	42.1	-7

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.gwgw.ca.uky.edu/>